

C: AGRICULTURE

JP-A

★SUMO C03 2002-144734/19 ★JP 2001335550-A  
 Insecticidally/acaricidally active dihalopropene compounds;  
 Insecticidal/acaricidal composition useful for controlling insects, mites in  
 agriculture/horticulture

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 (2001.12.04) C07C 251/32, A01N 35/10, 41/10, C07C 317/22, 323/20

Novelty: New dihalopropene compounds are claimed.

Detailed Description: Dihalopropene compounds of formula (I) are new.

$R^1, R^8$  = H, halo, 1-4C alkyl, 1-4C alkoxy, 1-3C haloalkyl, or 1-3C haloalkoxy;  
 $R^7$  = H, 1-10C alkyl, 2-6C haloalkyl, 3-10C alkenyl, 3-6C haloalkenyl, 3-6C  
 (halo)alkenyl, (substituted) phenyl or (substituted) benzyl;  
 $R^{10}$  = H, 1-6C alkyl, 1-3C haloalkyl or (substituted) phenyl; or  
 $R^{10}, R^1$  = 5- or 6-membered ring via the alkylene or alkylidene group;  
 $Z$  = single bond, O,  $S(O)_n$ , or  $NR^{11}$ ;  
 $R^{11}$  = H or 1-4C alkyl;

$n$  = 0-2;

$A$  = 1-6C alkylene or 2-6C alkylidene;

$X$  = Cl or Br;

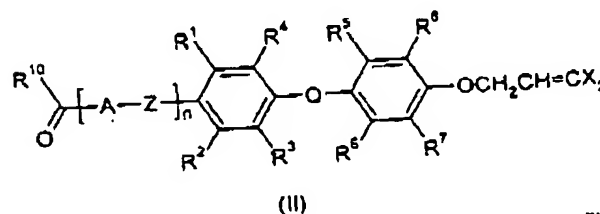
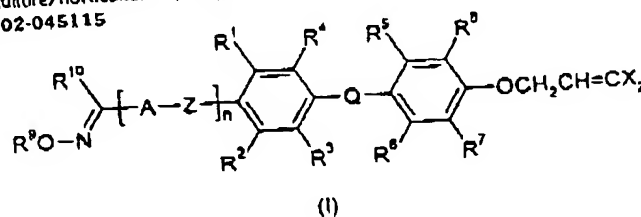
$Q$  = O,  $S(O)_m$ ; and

$m$  = 0-2.

INDEPENDENT CLAIMS are also included for the following:

- (1) compounds of formula (II); and
- (2) an insecticidal/acaricidal composition containing compounds (I) as active component(s).

Use: Compounds (I) are useful for controlling insects and mites in  
 agriculture/horticulture. (111pp)  
 C2002-045115



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